| Ref<br># | Hits | Search Query                              | DBs                | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|---|--------------------|---------------------|---------|------------------|
| S3       | 251  | S2 and fiber                              | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/02 15:27 |
| S2       | 3696 | crawford.in.                              | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/02 15:27 |
| S4       | 16   | S3 and (liquid adj crystal)               | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/02 15:48 |
| S5       | 51   | crawford.in. and red and blue and green   | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/02 15:49 |
| S6       | 12   | S5 and (liquid adj crystal)               | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/02 16:48 |
| S8       | 123  | S7 and ((data scan scanning) adj line)    | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/02 16:49 |
| S11      | 0    | lee-bae.in.                               | US-PGPUB;<br>USPAT | OR .                | ON      | 2005/03/02 18:18 |
| S10      | 10   | Park-chan-young.in.                       | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/02 18:18 |
| S9       | 36   | S8 and "349"/\$.ccls.                     | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/02 18:18 |
| S15      | 1541 | bae and lee                               | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/02 18:19 |
| S14      | 0    | lee-bae                                   | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/02 18:19 |
| S13      | 0    | lee-bae.in.                               | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/02 18:19 |
| S12      | 15   | bae-lee.in.                               | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/02 18:19 |
| S16      | 90   | S15 and LG                                | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/02 18:20 |
| S17      | 74   | S15 and LG.as.                            | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/02 18:27 |
| S20      | 274  | crawford and (data adj line)              | US-PGPUB;<br>USPAT | OR                  | ON .    | 2005/03/02 18:30 |
| S19      | 15   | S2 and "349"/\$.ccls.                     | US-PGPUB;<br>USPAT | OR .                | ON      | 2005/03/02 18:30 |
| S18      | 854  | "349"/\$.ccls. and (holographic hologram) | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/02 18:30 |
| S21      | 7    | S20 and (holog\$)                         | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/02 18:31 |
| S22      | 95   | hologr\$.ti. and 349\$.ccls.              | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/03/02 18:32 |

| S23              | 10   | (US-20020001110-\$).did. or<br>(US-6133971-\$ or US-5875012-\$<br>or US-5956113-\$ or US-5867240-\$<br>or US-6736512-\$ or US-6667819-\$<br>or US-6618104-\$ or US-6278506-\$<br>or US-6115151-\$).did. | US-PGPUB;<br>USPAT           | OR . | ON .    | 2005/03/02 18:58 |
|------------------|------|---|------------------------------|------|---------|------------------|
| S26              | 118  | S25 and "349"/\$.ccls.  | US-PGPUB;<br>USPAT           | OR   | ON      | 2005/03/02 18:59 |
| S25              | 812  | hologra\$ with pixel  | US-PGPUB;<br>USPAT           | OR   | ON      | 2005/03/02 18:59 |
| S24              | 2    | S23 and (gate data scan scanning) adj lines   | US-PGPUB;<br>USPAT           | OR   | ON      | 2005/03/02 18:59 |
| S29              | 868  | S28 and pixel   | US-PGPUB;<br>USPAT           | OR . | ON      | 2005/03/02 19:02 |
| S27              | 113  | S26 and "liquid crystal"  | US-PGPUB;<br>USPAT           | OR   | ON      | 2005/03/02 19:02 |
| S33              | 94   | S32 and display and (liquid adj<br>crystal)   | US-PGPUB;<br>USPAT           | OR   | ON<br>· | 2005/03/02 19:03 |
| S31              | 384  | S30 and display   | US-PGPUB;<br>USPAT           | OR   | ON      | 2005/03/02 19:03 |
| S30              | 438  | S29 and (liquid adj crystal)  | US-PGPUB;<br>USPAT           | OR   | ON      | 2005/03/02 19:03 |
| S28              | 3746 | hologram with pattern   | US-PGPUB;<br>USPAT           | OR   | ON      | 2005/03/02 19:03 |
| S32              | 637  | hologram adj pattern  | US-PGPUB;<br>USPAT           | OR   | ON      | 2005/03/02 19:05 |
| S36              | 12   | S35 and (gate data scanning scan) adj line  | US-PGPUB;<br>USPAT           | OR   | ON      | 2005/03/02 19:13 |
| S35              | 97   | hologram adj pattern and pixel  | US-PGPUB;<br>USPAT           | OR   | ON      | 2005/03/02 19:13 |
| S34              | 16   | hologram adj pattern with pixel   | US-PGPUB;<br>USPAT           | OR   | ON      | 2005/03/02 19:13 |
| S37 <sup>·</sup> |      | ("4952033"   "5113272"  <br>"5193015"   "5463481"  <br>"5523188"   "5539548"  <br>"5748272"   "5751452").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR · | ON      | 2005/03/02 19:36 |
| S38              | 32   | ("5875012").URPN.   | USPAT                        | OR   | ON      | 2005/03/02 19:38 |
| S39              | 1    | 09/613380   | USPAT                        | OR   | ON      | 2005/03/02 19:39 |
| S41              | 0    | kobayashi.in. and<br>@ad="20000611"   | USPAT                        | OR   | ON      | 2005/03/02 19:40 |
| S40              | . 3  | "613380".ap.  | USPAT                        | OR   | ON      | 2005/03/02 19:40 |
| S43              | 10   | S42 and minolta   | USPAT                        | OR   | ON      | 2005/03/02 19:41 |
| S42              | 772  | kobayashi.in. and @ay="2000"  | USPAT                        | OR   | ON      | 2005/03/02 19:41 |

| S44 | 16   | (US-20020001110-\$).did. or<br>(US-6133971-\$ or US-5875012-\$<br>or US-5956113-\$ or US-5867240-\$<br>or US-6736512-\$ or US-6667819-\$<br>or US-6618104-\$ or US-6278506-\$<br>or US-6115151-\$ or US-6781666-\$<br>or US-6812977-\$ or US-6461693-\$<br>or US-6654080-\$ or US-6377321-\$<br>or US-6166800-\$).did. | US-PGPUB;<br>USPAT | OR   | ON   | 2005/03/03 14:02 |
|-----|------|--|--------------------|------|------|------------------|
| S45 | 2    | S44 and (gate data scan scanning) adj line   | US-PGPUB;<br>USPAT | OR   | ON   | 2005/03/03 14:07 |
| S46 | 530  | hologr\$ and (liquid adj crystal)<br>and display and (gate data scan<br>scanning) adj line   | US-PGPUB;<br>USPAT | OR   | ON   | 2005/03/03 14:19 |
| S48 | 3564 | passive adj matrix   | US-PGPUB;<br>USPAT | OR   | ON   | 2005/03/03 15:29 |
| S47 | 6    | hologr\$ and (liquid adj crystal)<br>and display and second adj (gate<br>data scan scanning) adj line  | US-PGPUB;<br>USPAT | OR   | ON   | 2005/03/03 15:29 |
| S50 | 1224 | S49 and (liquid adj crystal)   | US-PGPUB;<br>USPAT | OR   | ON   | 2005/03/03 15:31 |
| S51 | 1396 | S48 and (scan scanning data signal) adj line   | US-PGPUB;<br>USPAT | OR   | ON   | 2005/03/03 15:55 |
| S49 | 1443 | S48 and (gate scan scanning data signal) adj line  | US-PGPUB;<br>USPAT | OR:  | ON   | 2005/03/03 15:55 |
| S52 | 1181 | S51 and (liquid adj crystal)   | US-PGPUB;<br>USPAT | OR   | ON   | 2005/03/03 15:56 |
| S53 | 21   | (passive adj matrix).ti. and (liquid crystal)  | US-PGPUB;<br>USPAT | OR   | ON   | 2005/03/03 15:58 |
| S55 | . 64 | (band adj (shaped shape)) with (liquid adj crystal)  | US-PGPUB;<br>USPAT | OR   | ON   | 2005/03/03 19:03 |
| S56 | 768  | "349"/\$.ccls. and ((fiber adj optic)<br>(optical adj fiber))  | US-PGPUB;<br>USPAT | OR   | ON   | 2005/03/03 19:24 |
| S58 | 153  | 349/63.ccls.   | US-PGPUB;<br>USPAT | OR . | ON   | 2005/03/03 19:26 |
| S57 | 150  | "349"/\$.ccls. and ((fiber adj optic)<br>(optical adj fiber)) with (light adj<br>source)   | US-PGPUB;<br>USPAT | OR . | ON   | 2005/03/03 19:26 |
| S59 | 13   | S58 and ((fiber adj optic) (optical adj fiber))  | US-PGPUB;<br>USPAT | OR   | ON   | 2005/03/03 19:28 |
| S60 | .33  | 349/61.ccls. and ((fiber adj optic) (optical adj fiber))   | US-PGPUB;<br>USPAT | OR   | ON . | 2005/03/03 19:29 |

| S61 | 22  | (US-20020001110-\$ or US-20040246391-\$ or US-20040212550-\$ or US-20040125298-\$ or US-20030107692-\$).did. or (US-6133971-\$ or US-5875012-\$ or US-5956113-\$ or US-5867240-\$ or US-6736512-\$ or US-6667819-\$ or US-6618104-\$ or US-6278506-\$ or US-6115151-\$ or US-6781666-\$ or US-6812977-\$ or US-6461693-\$ or US-6654080-\$ or US-6704079-\$ or US-616133-\$).did.                                    | US-PGPUB;<br>USPAT | OR   | ON | 2005/03/03 19:31 |
|-----|-----|--|--------------------|------|----|------------------|
| S54 | 22  | (US-20020001110-\$ or US-20040246391-\$ or US-20040212550-\$ or US-20040125298-\$ or US-20030107692-\$).did. or (US-6133971-\$ or US-5875012-\$ or US-5956113-\$ or US-5867240-\$ or US-6736512-\$ or US-6667819-\$ or US-6618104-\$ or US-6278506-\$ or US-6115151-\$ or US-6781666-\$ or US-6812977-\$ or US-6461693-\$ or US-6654080-\$ or US-6377321-\$ or US-6166800-\$ or US-6704079-\$ or US-6016133-\$).did. | US-PGPUB;<br>USPAT | OR · | ON | 2005/03/03 19:31 |
| S62 | 4   | S61 and fiber  | US-PGPUB;<br>USPAT | OR   | ON | 2005/03/03 19:47 |
| S64 | 82  | "5432876"  | US-PGPUB;<br>USPAT | OR   | ON | 2005/03/03 19:52 |
| S63 | 55  | 349/62.ccls. and fiber   | US-PGPUB;<br>USPAT | OR   | ON | 2005/03/03 19:52 |
| S65 | 1   | "5432876".pn.  | US-PGPUB;<br>USPAT | OR   | ON | 2005/03/04 11:44 |
| S67 | . 2 | "349"/\$.ccls. and (fiber with per with pixel)   | US-PGPUB;<br>USPAT | OR   | ON | 2005/03/04 14:23 |
| S68 | . 1 | "5353133".pn.  | US-PGPUB;<br>USPAT | OR   | ON | 2005/03/04 14:47 |
| S69 | 768 | "349"/\$.ccls. and ((optical adj<br>fiber) (fiber adj optic))  | US-PGPUB;<br>USPAT | OR   | ON | 2005/03/04 14:48 |

| S71       | 26   | (US-20020001110-\$ or US-20040246391-\$ or US-20040212550-\$ or US-20040125298-\$ or US-20030107692-\$).did. or (US-6133971-\$ or US-5875012-\$ or US-5956113-\$ or US-5867240-\$ or US-6736512-\$ or US-6667819-\$ or US-6618104-\$ or US-6781666-\$ or US-6812977-\$ or US-6461693-\$ or US-6654080-\$ or US-6704079-\$ or US-6016133-\$ or US-6704079-\$ or US-6016133-\$ or US-5835173-\$ or US-6275339-\$ or US-5502457-\$ or US-6801270-\$).did.                                   | US-PGPUB;<br>USPAT | OR | ON | 2005/03/04 16:06 |
|-----------|------|--|--------------------|----|----|------------------|
| \$72      | 26 · | (US-20020001110-\$ or US-20040246391-\$ or US-20040212550-\$ or US-20040125298-\$ or US-20030107692-\$).did. or (US-6133971-\$ or US-5875012-\$ or US-5956113-\$ or US-5867240-\$ or US-6736512-\$ or US-6667819-\$ or US-6618104-\$ or US-6278506-\$ or US-6115151-\$ or US-6781666-\$ or US-6812977-\$ or US-6461693-\$ or US-6654080-\$ or US-6377321-\$ or US-6166800-\$ or US-6704079-\$ or US-6016133-\$ or US-5835173-\$ or US-6275339-\$ or US-5502457-\$ or US-6801270-\$).did. | US-PGPUB;<br>USPAT | OR | ON | 2005/03/04 16:43 |
| S74       | 18   | S73 and "349"/\$.ccls.   | US-PGPUB;<br>USPAT | OR | ON | 2005/03/04 16:44 |
| S73       | 449  | (mercury adj lamp) and (metal adj<br>halide adj lamp) and (LED (light<br>adj emitting adj diode))  | US-PGPUB;<br>USPAT | OR | ON | 2005/03/04 16:44 |
| S75       | 6    | 349/61-63.ccls. and (fiber with backlight)   | US-PGPUB;<br>USPAT | OR | ON | 2005/03/04 16:49 |
| S70       | 83   | 349/61-63.ccls. and ((optical adj fiber) (fiber adj optic))  | US-PGPUB;<br>USPAT | OR | ON | 2005/03/04 16:49 |
| S76       | 23   | "349"/\$.ccls. and (fiber with backlight)  | US-PGPUB;<br>USPAT | OR | ON | 2005/03/04 16:50 |
| <b>S7</b> | 1449 | hologra\$ with (liquid adj crystal)  | US-PGPUB;<br>USPAT | OR | ON | 2005/03/04 17:50 |
| S77       | 11   | S72 and (crawford inbar)   | US-PGPUB;<br>USPAT | OR | ON | 2005/03/04 17:57 |
| S78       | 1    | S72 and (inbar.in. fukuwara.in.)   | US-PGPUB;<br>USPAT | OR | ON | 2005/03/04 17:59 |
| S80       | 3    | "5835173".pn. "6295106".pn. "6078371".pn.  | US-PGPUB;<br>USPAT | OR | ON | 2005/03/04 18:00 |

|     | ,   |   |                              |    |    |                  |
|-----|-----|---|------------------------------|----|----|------------------|
| S79 | 1   | S72 and (inbar.in. fukuzawa.in. ichikawa.in.)   | US-PGPUB;<br>USPAT           | OR | ON | 2005/03/04 18:00 |
| S82 | 350 | pixel with offset and "349"/\$.ccls.  | US-PGPUB;<br>USPAT           | OR | ON | 2005/09/20 19:43 |
| S83 | 29  | holographic adj pixel   | US-PGPUB;<br>USPAT           | OR | ON | 2005/09/21 10:07 |
| S85 | 258 | (first and second) with data adj<br>lines with overlap  | US-PGPUB;<br>USPAT           | OR | ON | 2005/09/21 10:11 |
| S84 | 1   | 10/662317   | US-PGPUB;<br>USPAT           | OR | ON | 2005/09/21 10:11 |
| S86 | 31  | hologram adj pattern and "349"/\$. ccls.  | US-PGPUB;<br>USPAT           | OR | ON | 2005/09/21 10:29 |
| S87 | 13  | park-chan-young.in.   | US-PGPUB;<br>USPAT           | OR | ON | 2005/09/21 10:32 |
| S89 | 41  | popovich-milan-m.in.  | US-PGPUB;<br>USPAT           | OR | ON | 2005/09/21 10:37 |
| S90 | 114 | "349"/\$.ccls. and (driving adj<br>method).ti.  | US-PGPUB;<br>USPAT           | OR | ON | 2005/09/21 10:39 |
| S91 | 214 | 345/4-5.ccls.   | US-PGPUB;<br>USPAT           | OR | ON | 2005/09/21 10:40 |
| S92 | 380 | 349/75-82.ccls.   | US-PGPUB;<br>USPAT           | OR | ON | 2005/09/23 14:28 |
| S81 | 264 | 349/74.ccls.  | US-PGPUB;<br>USPAT           | OR | ON | 2005/09/23 14:28 |
| S93 | 12  | ("4488818"   "5570211"  <br>"5636185"   "5995456"  <br>"6067136"   "6141068"  <br>"6147934"   "6151004"  <br>"6169708"   "6181309"  <br>"6201529"   "6259421").PN.                | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/23 14:37 |
| S94 | 13  | ("3771857"   "3839039"  <br>"3914464"   "3981568"  <br>"3997810"   "4029394"  <br>"4182647"   "4534620"  <br>"4853296"   "5059500"  <br>"5120622"   "5164858"  <br>"5217832").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/23 14:48 |
| S95 | 38  | liquid adj crystal and mirror adj<br>mode   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/23 14:50 |
| S98 | 1   | US-6646697-\$.DID.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/23 14:56 |
| S97 | 1   | 10/468872   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/23 14:56 |

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|------------------|-----|--|------------------------------|----|-----|------------------|
| S96              | 81  | mirror adj (mode state function)<br>and (reflect\$5) adj polariz\$5  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/09/23 14:56 |
| S1               | 1   | 10/662317  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/09/23 17:24 |
| S10<br>0         | 59  | (data adj line) adj4 cover adj4<br>(data adj lines)  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/09/23 17:25 |
| S10<br>1         | 56  | S100 and liquid adj crystal  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/09/23 17:26 |
| S88              | 3   | US-6567141-\$.DID. OR<br>US-6646636-\$.DID.<br>"20020126332"   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/09/23 18:01 |
| S10<br>2         | 16  | S92 and passive adj matrix   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/09/23 18:05 |
| S1 <u>0</u><br>3 | 10  | 349/74.ccls. and passive adj<br>matrix   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/09/23 18:44 |
| S10<br>5         | 76  | thin adj film adj spacer   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/09/23 18:46 |
| S10 .            | 5   | "6151092"  | US-PGPUB;<br>USPAT           | OR | ON. | 2005/09/23 18:46 |
| S10<br>6         | 4   | S105 and "349"/\$.ccls.  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/09/23 18:49 |
| S10<br>7         | 0   | "10371976"   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/09/23 18:50 |
| S10<br>9         | 5   | "6151092"  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/09/23 18:53 |
| S10<br>8         | 3   | "10/371976"  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/09/23 18:53 |
| L24              | 22  | 349/74-82.ccls. and passive adj<br>matrix  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/09/30 13:16 |
| S99              | . 0 | (first adj data adj line) adj4 cover<br>adj4 (second adj data adj lines)   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/09/30 13:50 |
| L26              | 23  | ((first and second) adj (scan<br>scanning data gate) adj line with<br>(offset (partial\$5 adj (overlap<br>cover))))      | US-PGPUB;<br>USPAT           | OR | ON  | 2005/09/30 13:56 |
| L25              | 8   | ((first and second) adj (scan<br>scanning data gate) adj line with<br>(offset (partial\$5 adj (overlap<br>cover)))).clm. | US-PGPUB;<br>USPAT           | ÖR | ON  | 2005/09/30 13:56 |